SYMETRIX SOLUTIONS: TECH TIP

December 2014

Crestron VoIP and ATI Modules

This Tech Tip has been created to assist the set-up and implementation of Crestron control modules for the SymNet 2 Line VoIP Interface Card and SymNet 2 Line Analog Telephone Interface Card using SymNet Composer.

These modules have been prebuilt and configured to work in conjunction with the provided SymNet Composer example file. These modules have been tested and verified by Symetrix. Functionality is guaranteed unless modified. Please contact Crestron for support after modification.

This Tech Tip provides information based on the Crestron VoIP and ATI Module Suites that can be downloaded here. The set-up procedures are the same for both.

Symetrix Software

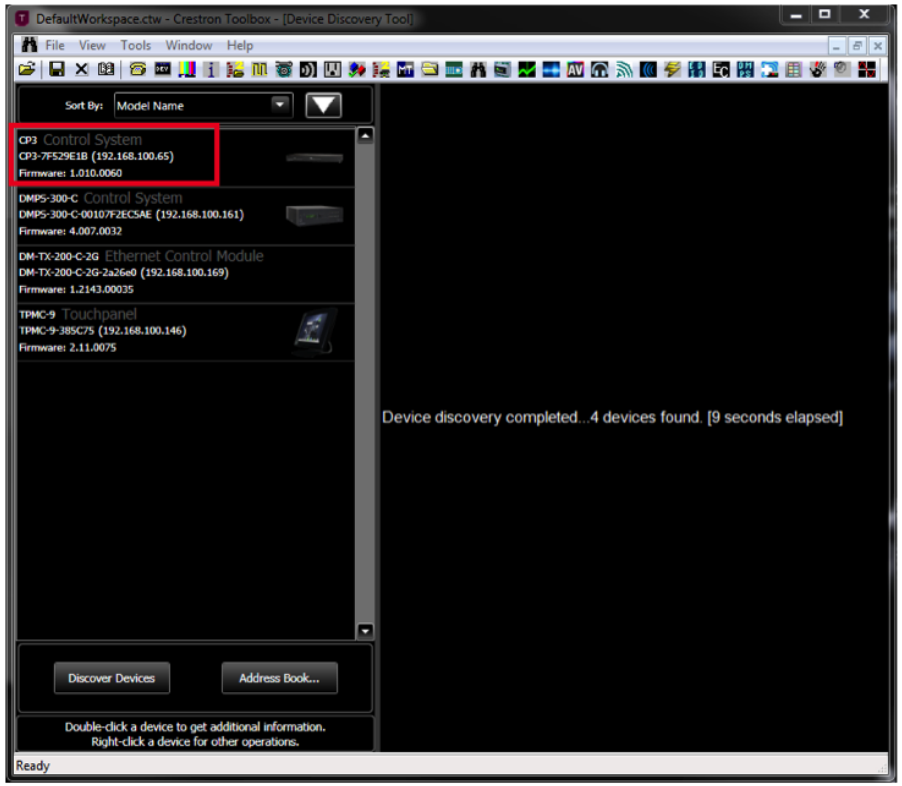
- SymNet Composer 3.0 or higher

Crestron Software

- Toolbox
- SIMPL Windows
- VisionTools Pro-e

Set-up Process

1. Open Toolbox and discover CP3 device. Make note of IP address (example 192.168.100.65)



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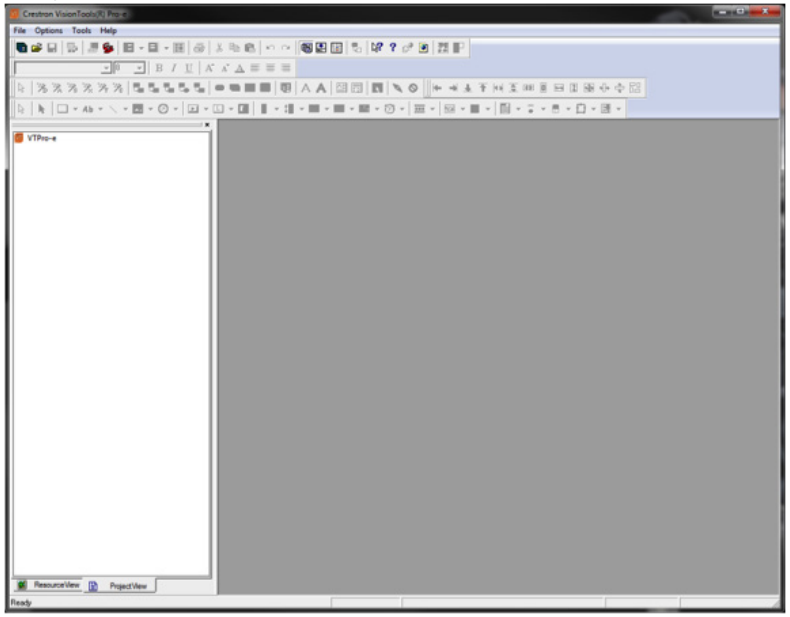
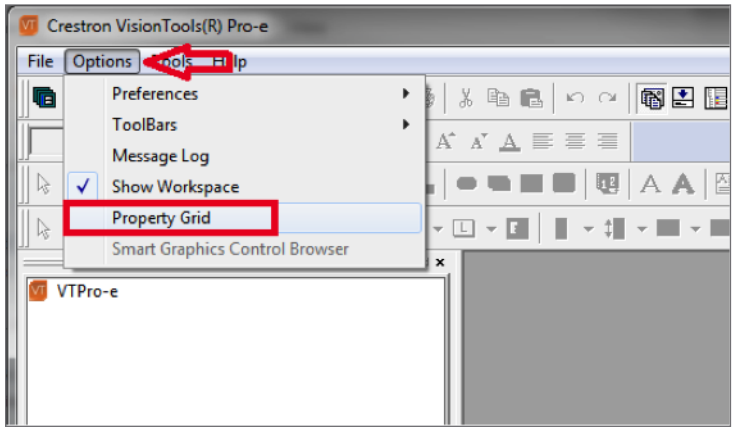
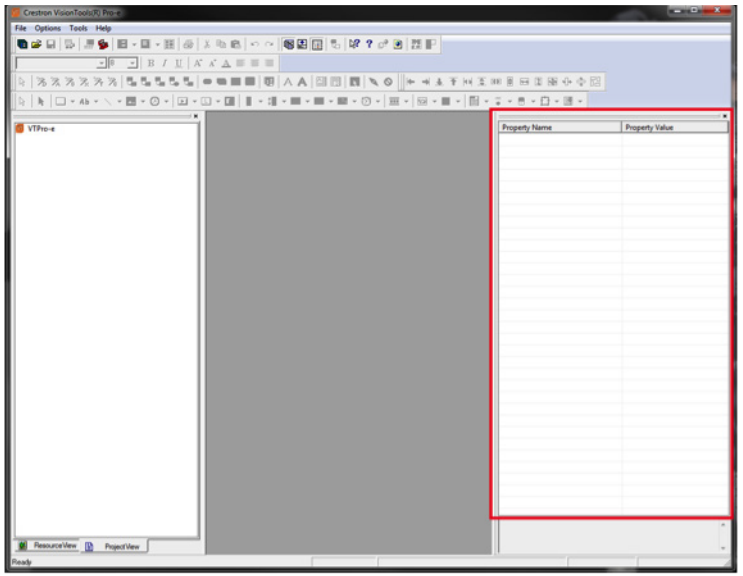
2. Open Vision Tools Pro-e

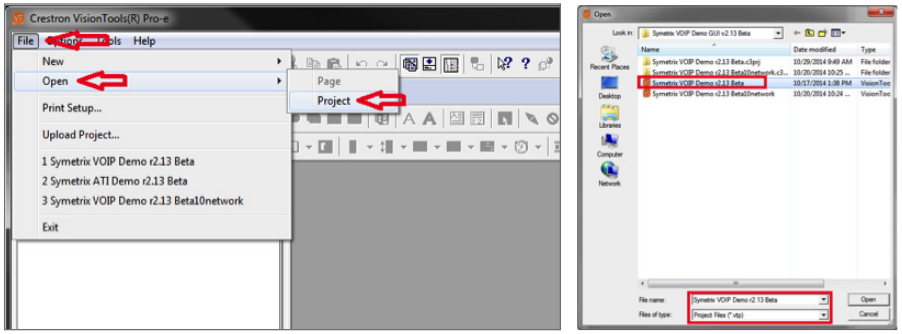


3. Make sure “Property Grid” opens. If not, click on “Options” and select “Property Grid”





4. Open VTPro-e project: File>Open>Project *(example file labeled Symetrix VOIP Demo r2.13 Beta)*



5. In the Property Grid window go to “Connection Setting”. Set the Host IP address to the IP address discovered for the CP3 *(example 192.168.100.65)*

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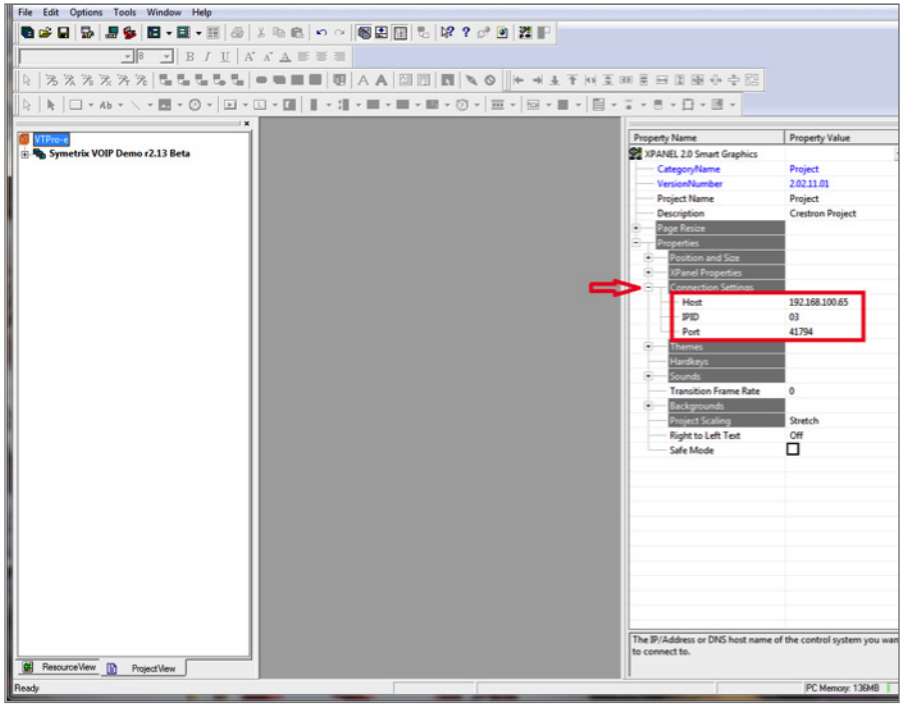
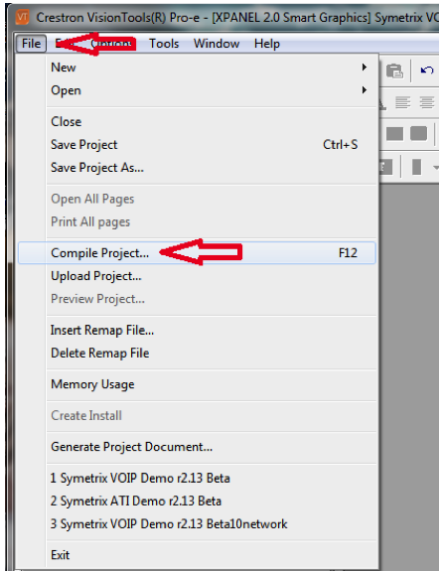
6. Set the IPID to 03 and Port to 41794

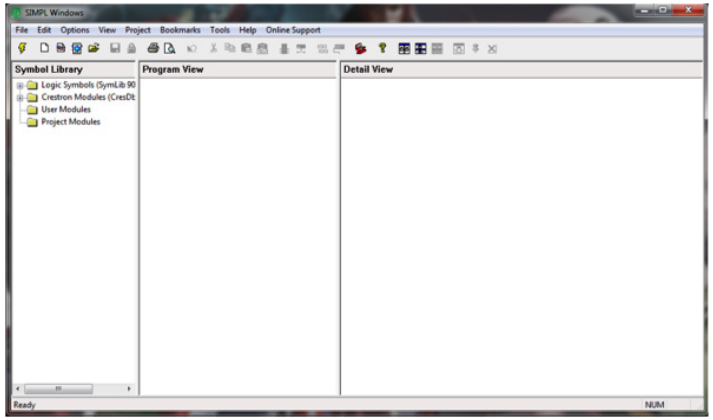


7. Go to File>Save Project

8. Go to File>Compile Project…



9. Open SIMPL Windows



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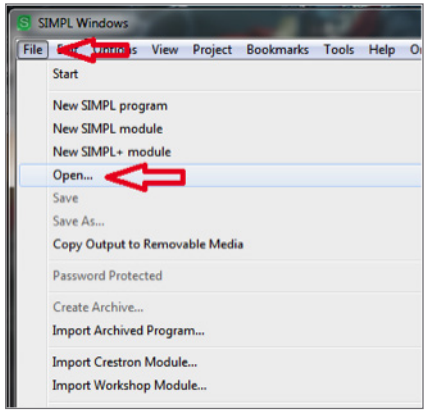
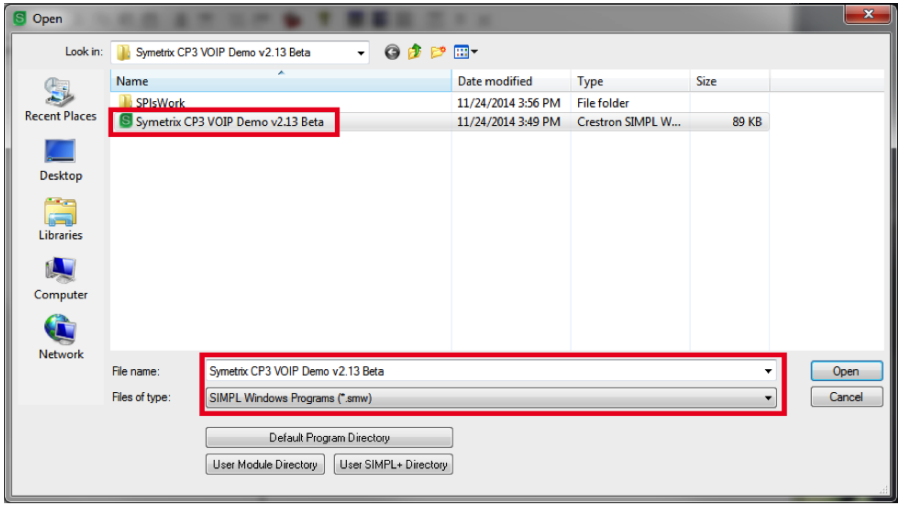
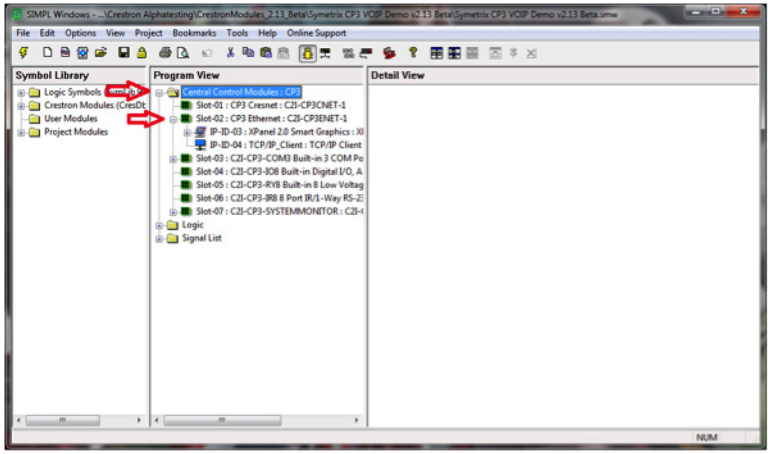
10. Open SIMPL Windows file. Go to File>Open *(example file named Symetrix CP3 VOIP Demo v2.13 Beta)*





11. In the "Program View" window, expand "Central Control Modules : CP3"



12. Expand "Slot-02 : CP3 Ethernet"

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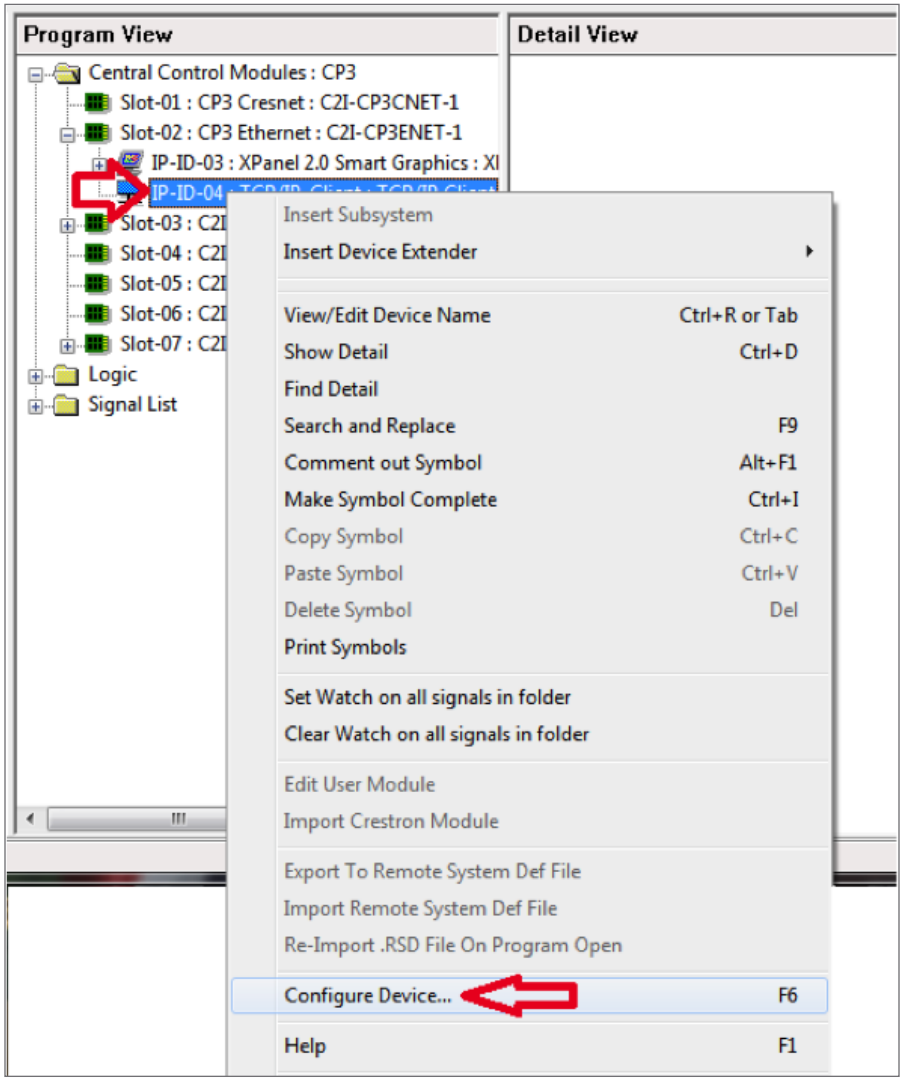
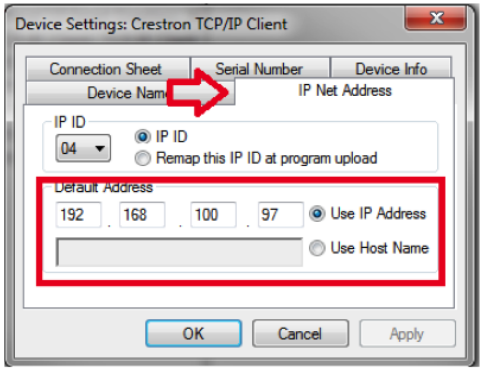
13. Right-click “IP-ID-04 : TCP/IP_Client” and select “Configure Device”



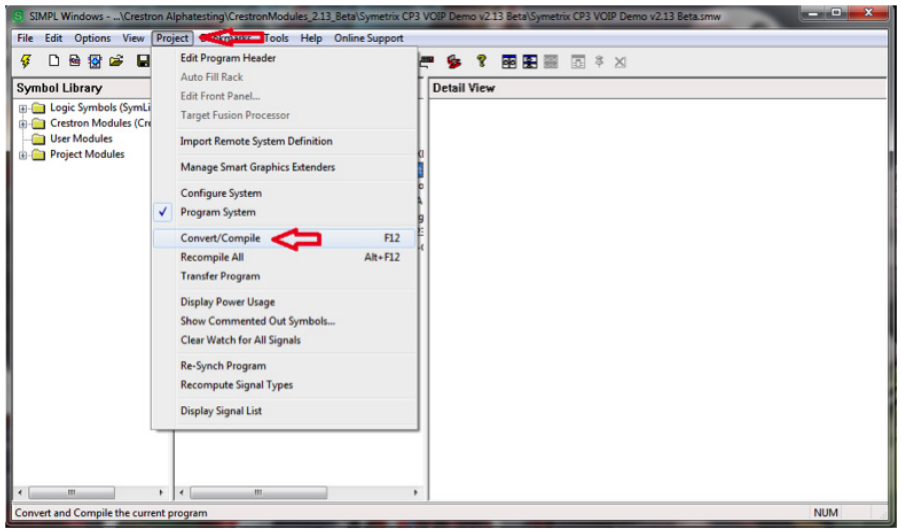
14. In the “Device Settings: Crestron TCP/IP Client” window select the “IP Net Address” tab

15. Set the default address to the IP address of the Symetrix DSP

16. Click “OK”



17. Go to Project>Convert/Compile



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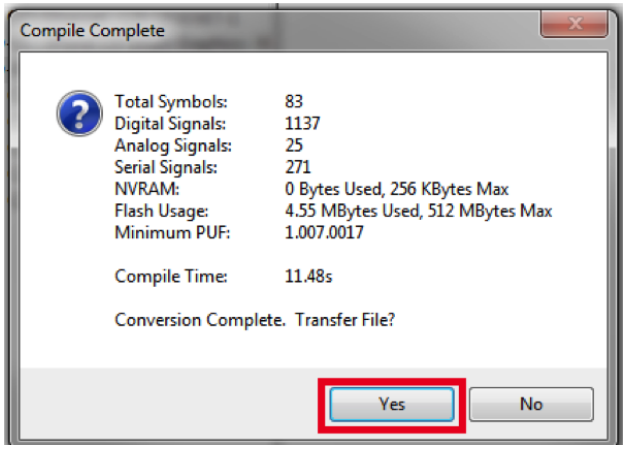
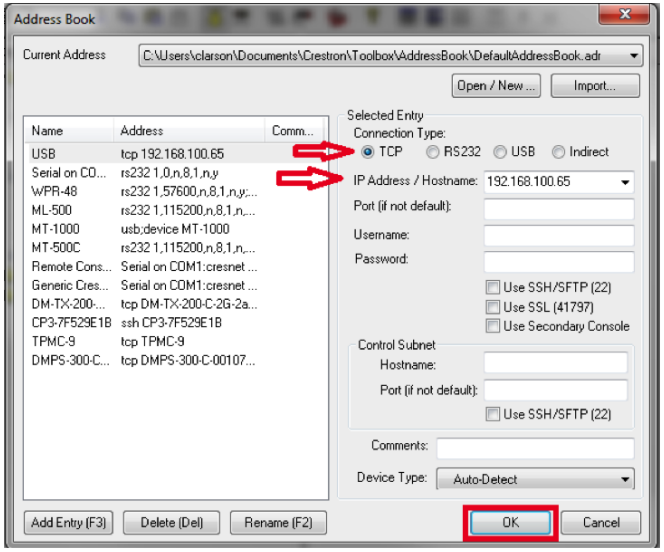
18. Click “Yes” to Transfer File

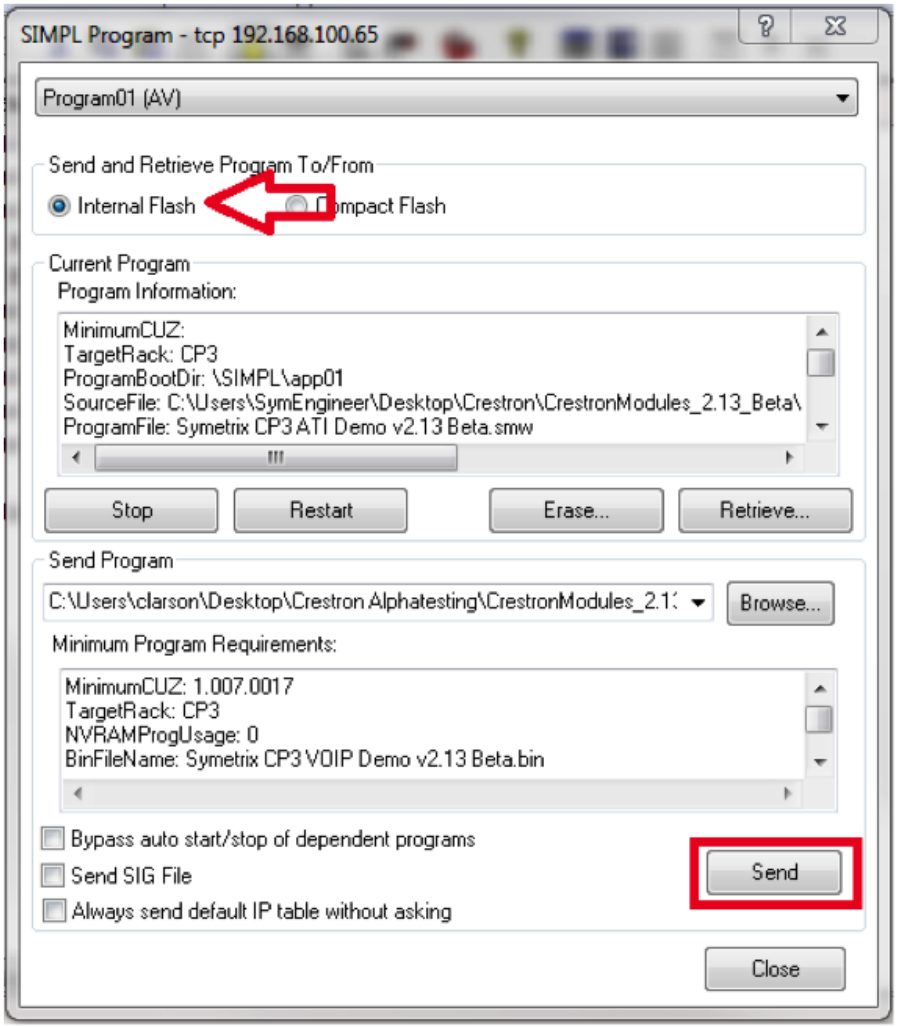


19. In Address Book window make sure Connection Type is TCP and IP Address / Hostname are set to the IP address of the CP3

20. Click “OK”



24. Make sure Internal Flash is selected then click “Send”



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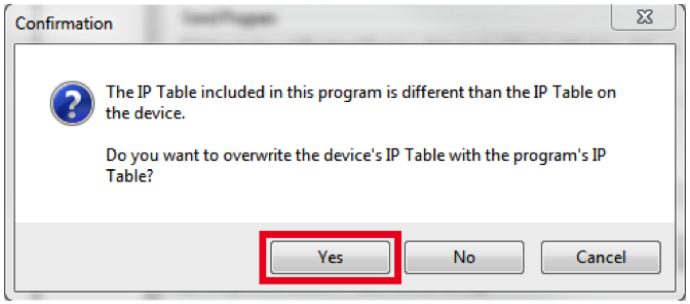
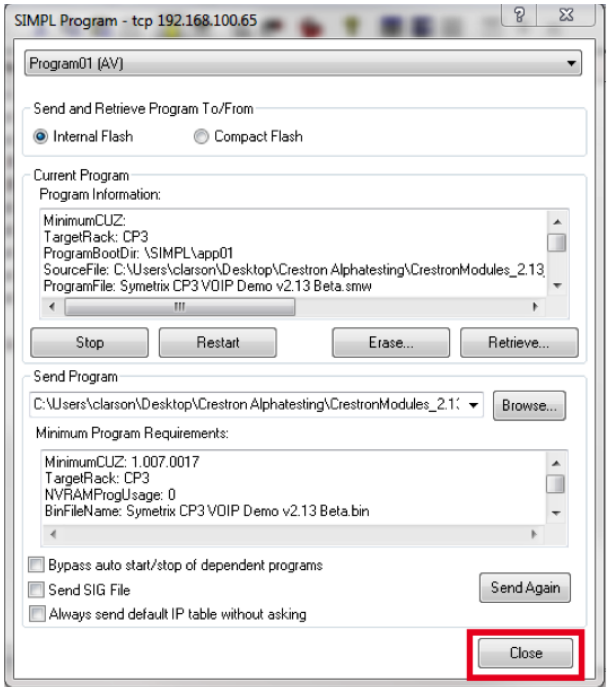
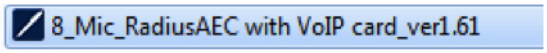
25. Click “Yes” to continue


Confirmation
The IP Table included in this program is different than the IP Table on the device.
Do you want to overwrite the device's IP Table with the program's IP Table?
Yes
No
Cancel

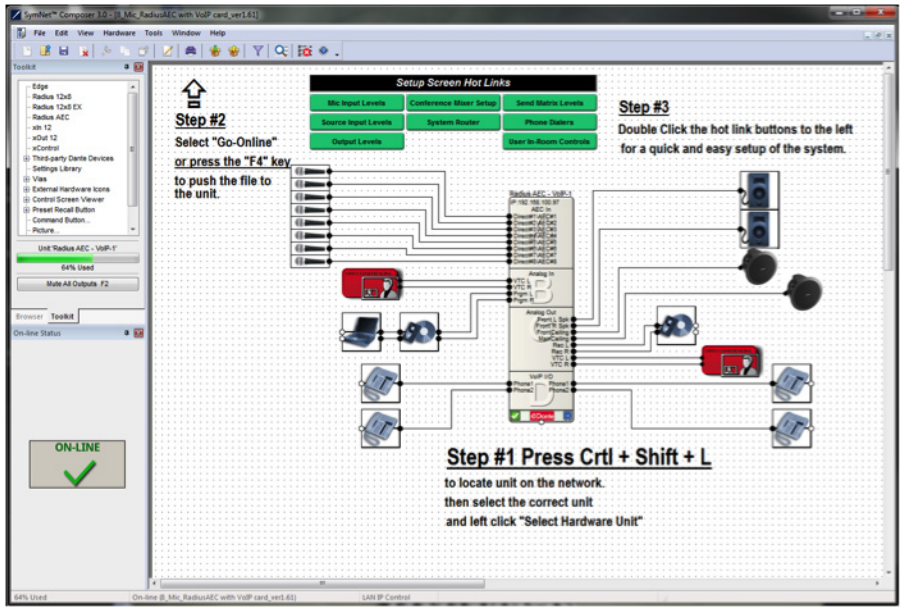
26. After programming has been sent, click “Close”



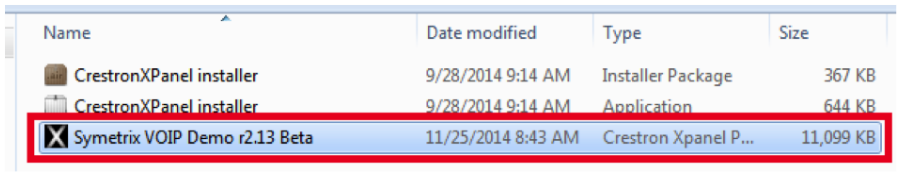
27. Load SymNet Composer Example file



28. Locate and go online with Symetrix DSP


Setup Screen Hot Links
Step #2
Select "Go-Online"
or press the "F4" key
to push the file to the unit.
Step #3
Double Click the hot link buttons to the left for a quick and easy setup of the system.
ON-LINE
Step #1 Press Crtl + Shift + L
to locate unit on the network.
then select the correct unit
and left click "Select Hardware Unit"

29. Open Crestron XPanel file



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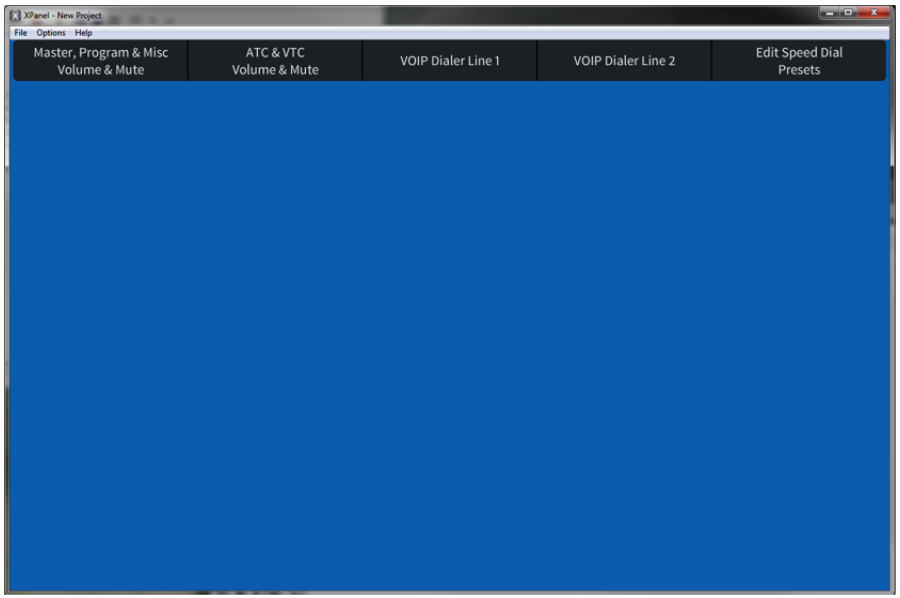
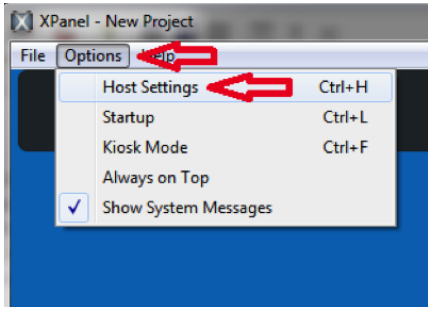
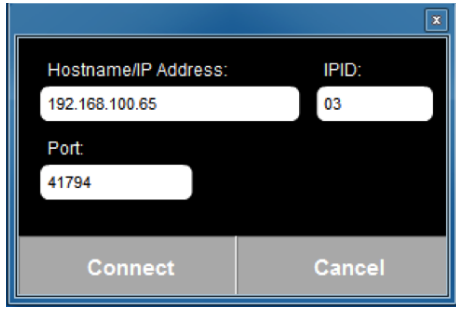


30. Go to Options>Host Settings





31. Make sure Hostname/IP Address is the same IP address as the Crestron CP3 *(example 192.138.100.65)*, then make sure IPID is set to 03 and Port is 41794. Click "Connect"

Crestron Module Functions

The Crestron Modules are programmed with five different tabs. Each tab controls different functions. The examples below show the corresponding modules inside SymNet Composer that the Crestron is controlling.

#1: Contains Master and Program Volume and Mute, Record and Mic 1 Mute, also Front and Ceiling Speakers On/Off.

Notice: *Controller ID is labeled, use Remote Control Manager in SymNet Composer to find the corresponding module that is being controlled by the Crestron.*

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#2: Contains VTC, VoIP Line 1 and VoIP Line 2 Volume and Mute.

Notice: *Controller ID is labeled, use Remote Control Manager in SymNet Composer to find the corresponding module that is being controlled by the Crestron.*

#3, #4 and #5: Dialer functions for VoIP Line 1 and VoIP Line 2.

Note: *Control numbers are already assigned to VoIP Interface. Line needs to be registered for module to function properly.*

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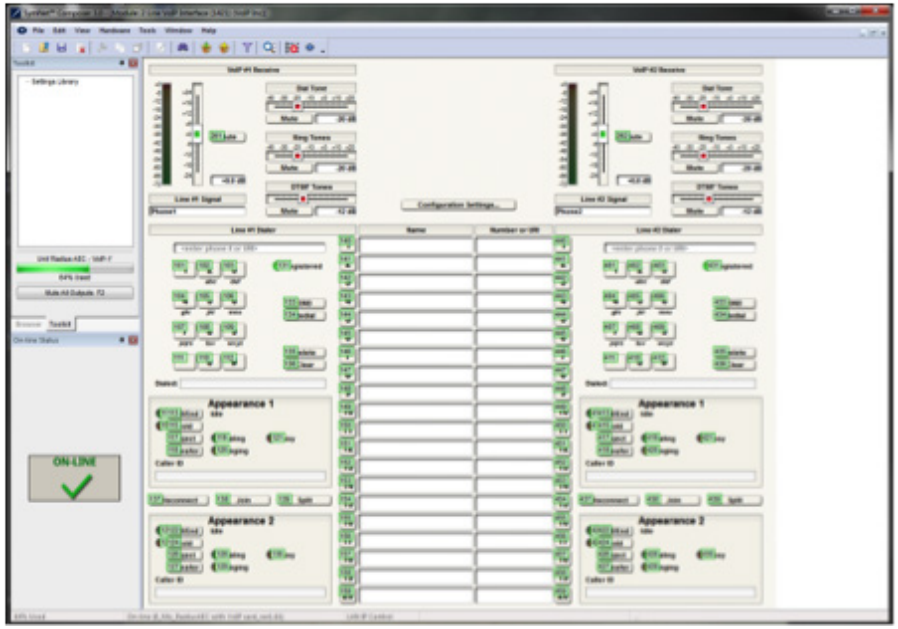

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